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NEWS 4	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS 5	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS 6	FEB 10	COMPENDEX reloaded and enhanced
NEWS 7	FEB 11	WTEXTILES reloaded and enhanced
NEWS 8	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
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NEWS 10	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS 11	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS 12	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS 13	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS 14	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS 15	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS 16	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS 17	MAR 11	ESBIOBASE reloaded and enhanced
NEWS 18	MAR 20	CAS databases on STN enhanced with new super role for nanomaterial substances
NEWS 19	MAR 23	CA/CAplus enhanced with more than 250,000 patent equivalents from China
NEWS 20	MAR 30	IMSPATENTS reloaded and enhanced
NEWS 21	APR 03	CAS coverage of exemplified prophetic substances enhanced
NEWS 22	APR 07	STN is raising the limits on saved answers
NEWS 23	APR 24	CA/CAplus now has more comprehensive patent assignee information
NEWS 24	APR 26	USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 25	APR 28	CAS patent authority coverage expanded
NEWS 26	APR 28	ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 27	APR 28	Limits doubled for structure searching in CAS

REGISTRY

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
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FILE 'HOME' ENTERED AT 13:39:19 ON 03 MAY 2009

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.22	0.22

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DICTIONARY FILE UPDATES: 1 MAY 2009 HIGHEST RN 1141923-26-3

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http://www.cas.org/support/stngen/stndoc/properties.html

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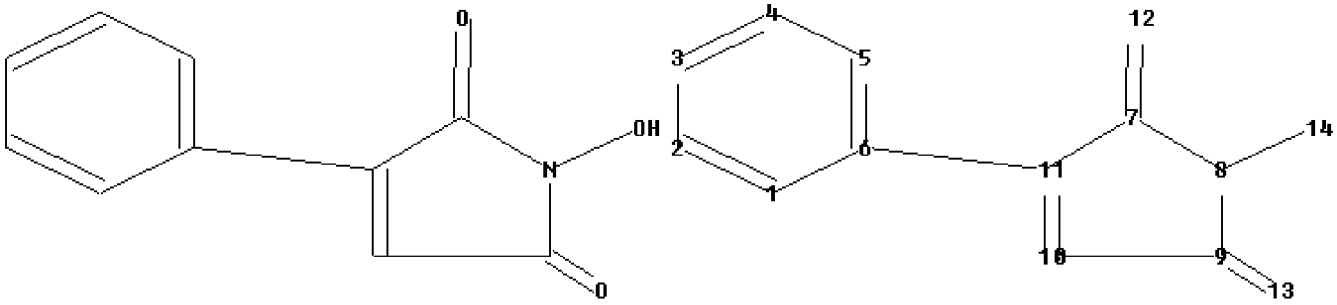
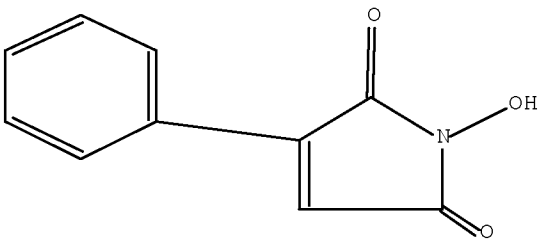


chain nodes :
12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9 10 11
chain bonds :
6-11 7-12 8-14 9-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-11 8-9 9-10 10-11
exact/norm bonds :
7-8 7-12 8-9 8-14 9-13
exact bonds :
6-11 7-11 9-10 10-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6
isolated ring systems :
containing 7 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:CLASS 13:CLASS 14:CLASS

L1 STRUCTURE UPLOADED

=> d L1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.48       0.70

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FILE COVERS 1907 - 3 May 2009  VOL 150 ISS 19
FILE LAST UPDATED: 1 May 2009  (20090501/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2008.

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substance identification.

=> s L1 SSS full
   REGistRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
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FULL SEARCH INITIATED 13:39:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      340 TO ITERATE

100.0% PROCESSED      340 ITERATIONS                              25 ANSWERS
SEARCH TIME: 00.00.01

L2           25 SEA SSS FUL L1



L3          17 L2

=> s L3 AND PY<=2003
      24035378 PY<=2003
L4           3 L3 AND PY<=2003

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y
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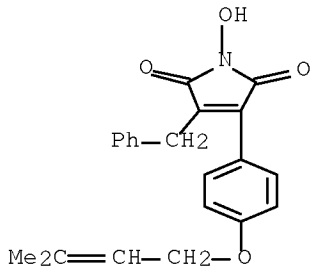
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2002:448755 CAPLUS Full-text
DOCUMENT NUMBER: 137:277867
TITLE: The himanimides, new bioactive compounds from Serpula himantioides (Fr.)Karst
AUTHOR(S): Aqueveque, Pedro; Anke, Timm; Sterner, Olov
CORPORATE SOURCE: Universidad de Conception, Conception, 3, Chile
SOURCE: Zeitschrift fuer Naturforschung, C: Journal of Biosciences (2002), 57(3/4), 257-262
CODEN: ZNCBDA; ISSN: 0939-5075
PUBLISHER: Verlag der Zeitschrift fuer Naturforschung
DOCUMENT TYPE: Journal
LANGUAGE: English

AB In a screening of basidiomycete cultures from Chile for the production of antibiotics the authors identified a Serpula himantoides strain as a producer of metabolites inhibiting the growth of bacteria and fungi. Bioactivity guided purification resulted in the isolation of 4 new antibiotics. Their structures were elucidated by spectroscopic methods. All 4 compds. are succinimide and maleimide derivs., of which 2 are N-hydroxylated.

IT 464189-92-2P, Himanimide C
RL: BPN (Biosynthetic preparation); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); PREP (Preparation)
(himanimide antibiotics from Serpula himantoides fermentation)
RN 464189-92-2 CAPLUS
CN 1H-Pyrrole-2,5-dione, 1-hydroxy-3-[4-[(3-methyl-2-buten-1-yl)oxy]phenyl]-4-(phenylmethyl)- (CA INDEX NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1980:585380 CAPLUS Full-text
DOCUMENT NUMBER: 93:185380
ORIGINAL REFERENCE NO.: 93:29531a,29534a
TITLE: Effects of solvents, N-substituents and acids on the photocyclization and the fluorescence behavior of diphenylmaleimides
AUTHOR(S): Ichimura, Kunihiro; Watanabe, Shoji; Kusakawa, Koichi; Ochi, Hideo
CORPORATE SOURCE: Res. Inst. Polym. Text., Ibaraki, 305, Japan
SOURCE: Nippon Kagaku Kaishi (1980), (6), 837-45
CODEN: NKAKB8; ISSN: 0369-4577
DOCUMENT TYPE: Journal

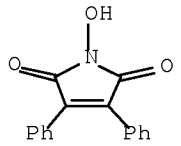
LANGUAGE: Japanese

AB The fluorescence behavior of diphenylmaleimides shows the following characteristic features: (1) the Stokes shift correlates linearly with the solvent polarity parameter, ET, (2) the emission is quenched intramol. when the imido N is attached to atoms having n- or π-electrons, and (3) the quenching is observed in strongly acidic solns. The photocyclization of the imides to yield phenanthrenes and 9,10-dihydrophenanthrene-9,10-dicarboximides is influenced by the dual effect of acids; at pH about 3, the yield of the dihydrophenanthrenes increases with a decrease in pH without a change in the reaction rate, whereas in more strongly acidic solns. (H0 .apprx.2) the photoreactivity is reduced in proportion to the fluorescence quenching. The cyclization mechanism is discussed.

IT 75255-87-7
RL: RCT (Reactant); RACT (Reactant or reagent)
(fluorescence and photocyclization of)

RN 75255-87-7 CAPLUS

CN 1H-Pyrrole-2,5-dione, 1-hydroxy-3,4-diphenyl- (CA INDEX NAME)



L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 1943:3617 CAPLUS Full-text

DOCUMENT NUMBER: 37:3617

ORIGINAL REFERENCE NO.: 37:641i,642a-c

TITLE: p-Bromophenylhydroxymaleic imide

AUTHOR(S): Skinner, Glenn S.; Coghlan, C. A.; Berlin, A. S.

SOURCE: Journal of the American Chemical Society (1942), 64, 2600-1
CODEN: JACSAT; ISSN: 0002-7863

DOCUMENT TYPE: Journal

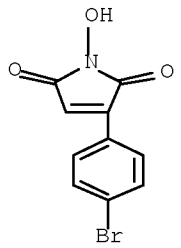
LANGUAGE: Unavailable

AB PhC(CN):C(OH)CO2Et (21.7 g.) in 80 cc. CHCl3 at 45-50°, treated simultaneously with 1.8 cc. H2O and 5.3 cc. Br with stirring and kept 6 hrs. at 50° and 2 days at room temperature, gives 22 g. of p-bromophenylhydroxymaleimide (I), lemon-yellow, m. 239-40°; when the H2O was omitted the yield was only 9 g.; the same yield was obtained from the Me and Bu esters. I also results from the bromination of phenylhydroxymaleimide in PhNO2. I is stable to cold dilute KMnO4 and to Br-H2O. Solution of 53.6 g. I in 150 cc. H2O containing 12.4 g. Na2CO3 gives the brick-red Na salt, decomps. at 321°; refluxing 5.8 g. of the salt with 2.53 g. PhCH2Cl in 25 cc. EtOH gives 5.6 g. of the N-benzyl derivative, m. 169-70°. The brick-red gelatinous Ag salt and EtI in ether, refluxed 3 days, give the N-Et derivative, m. 191-2°. Oxidation of I gives p-BrC6H4CO2H; alkaline hydrolysis of I gives NH3, (CO2Na)2 and p-BrC6H4CH2CO2H. The mechanism of the formation of I is discussed.

IT 749830-37-3P
RL: SPN (Synthetic preparation); PRP (Properties); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)
(p-Bromophenylhydroxymaleic imide)

RN 749830-37-3 CAPLUS

CN 1H-Pyrrole-2,5-dione, 3-(4-bromophenyl)-1-hydroxy- (CA INDEX NAME)



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LOGOFF? (Y)/N/HOLD:y
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